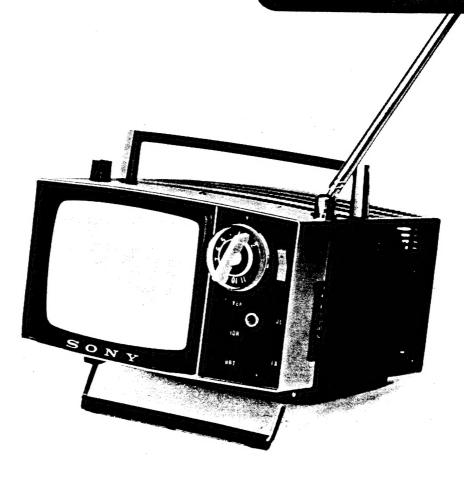
TV5-303

32F0



Specifications

5", 70° Deflection, Aluminized Screen Picture Tube:

Transistor: 30 (6 Silicon-including 3 Epitaxial, 24 Germanium)

Diode: 22 (including 4 Selenium Rectifier)

CCIR Western VHF Channels E-2 to E-11 Channel Coverage:

French VHF Channels 6, 8, 8A, 12

7, 9, 11 (correspond to E-5, E-7, E-9) Belgian VHF Channels E-2 to E-11 (For UHF reception, connect SONY UHF Converter, VUC-5E.)

4 Stages with 5 stagger tuned elements IF Circuit:

Video Bandwidth; 3 Mc/-3 dB

Intercarrier System		Video IF (AM)	Sound IF (FM)
	CCIR	26.75 Mc	21.25 Mc
Separate-Carrier Syste	em	Video IF (AM)	Sound IF (AM)
	French VHF	26.75 Mc	15.6 Mc
	French UHF	26.75 Mc	20.25 Mc
	Belgian (625 lines)	26.75 Mc	21.25 Mc
	Belgian (819 lines)	26.75 Mc	21.25 Mc

Resolution: Vertical 400 lines, Horizontal 300 lines

Sound System: 5.5 Mc Intercarrier and Separate Systems (Can be selected by push button provided in the set.)

Power Output stape; OTL system, 150 mW Speaker; 3" $70\,\Omega$ Voice Coil

Automatic Control: Puls-operated AGC, Diode AFC, Sync. ANS (Automatic Noise Suppressor)

Power Requirement: AC 220 V, 50 or 60 c/s, 12 V Battery (3.5 AH)

Power Consumption: AC 13 W, DC 9.6 W (0.8 A)

Dimensions : 4-1/4'' (H) $\times 7-5/''$ (W) $\times 7-7/8''$ (D)

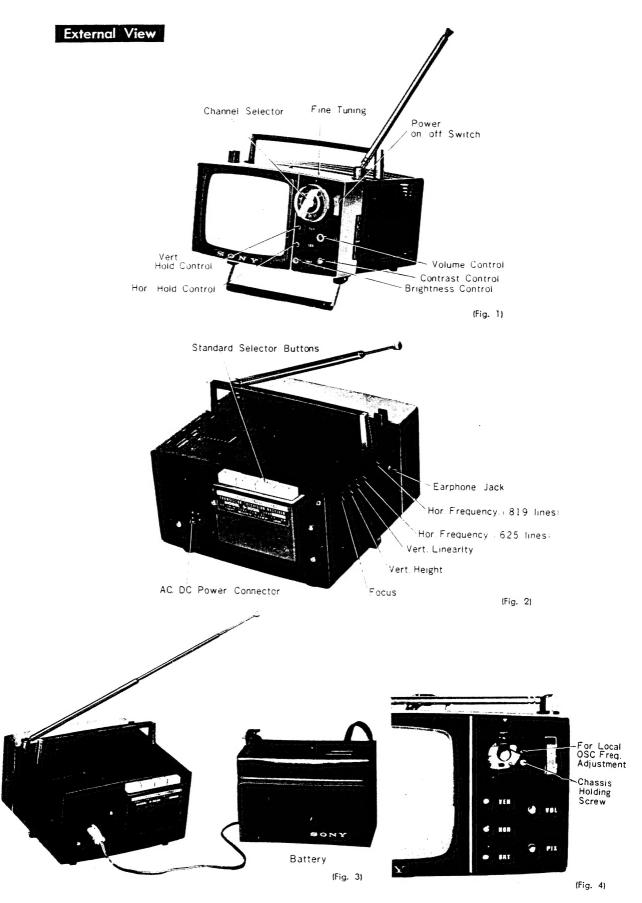
Weight:

8.0 lbs.

Glare Proofing: Smoked Filter, 70% Transparency **SERVICING GUIDE**

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THE SONY MICRO-TV MODEL 5-303M

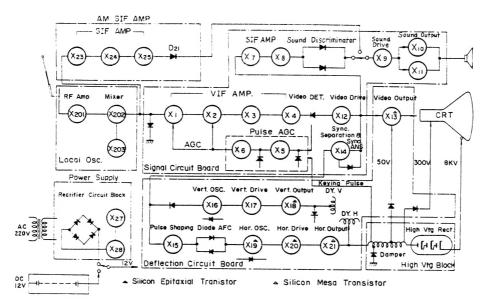
General

The aim in the designing of the SONY Micro-TV Model 5-303M was the creation of a completely new type of TV set which could be achieved only by the use of transistors.

The concrete requirements given to be met from the start of the design were as follows:

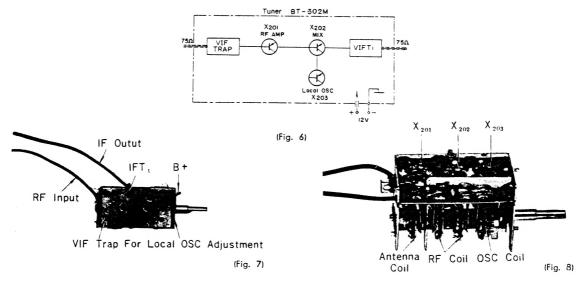
- 1) To be small in size and light in weight.
- 2) To have the lowest power consumption of any mass produced TV set.
- 3) To operate perfectly as a completely portable TV set under all conditions.
- 4) To provide facilities for easy servicing.

Block Diagram

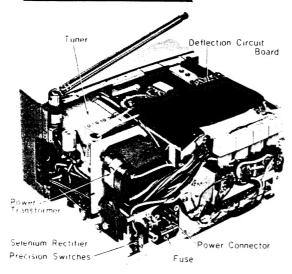


(Fig. 5)

Block Diagram of Tuner



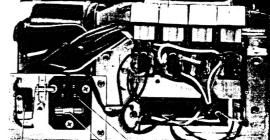
Electronic Parts Location



(Fig. 9)

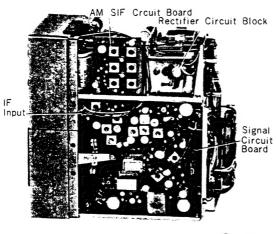


Standard Selector Buttons

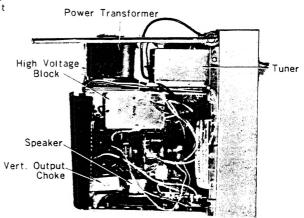


Precision Switches Fuse Power Connector

(Fig. 10)



(Fig. 11)



lig. 12)

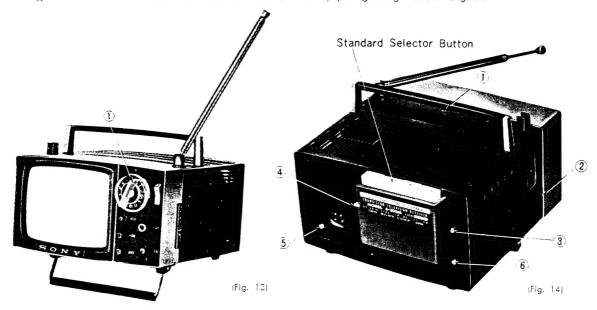
Method of Disassembling the Set

To Remove the Front Control Panel

- 1. Pull all Control Knobs straight out. The Fine Tuning Knob may be somewhat difficult to remove—use force.
- 2. Remove the two small Screws on the Front Control Panel. The Front Control Panel can now be removed (Fig. 13).

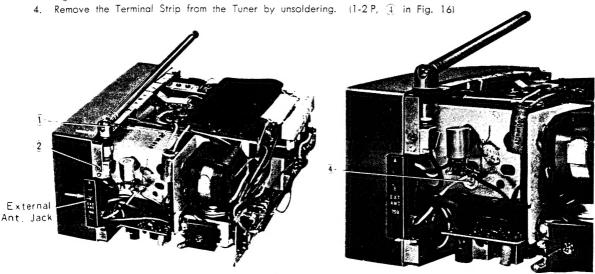
To Remove the Back Cabinet Cover

- 1. Press the four Standard Selector Buttons at the same time and lock them. (Fig. 14)
- 2. Remove Screws ① (located on the top) and ② (located on the left side). Remove Screws ③, ④, ⑤ and ⑥ on the back. The Back Cover can now be removed by pulling straight back. (Fig. 14)



To Remove the Telescopic Antenna and the Tuner

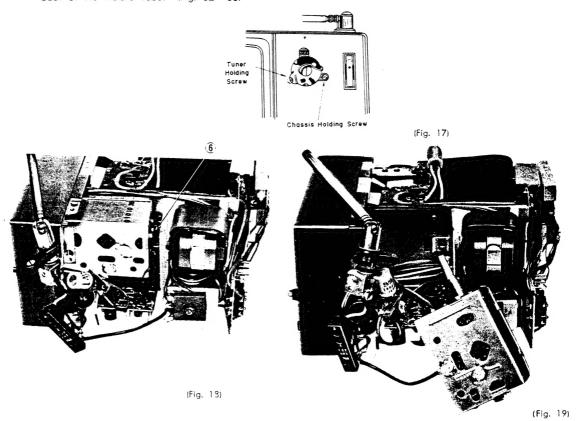
- 1. Pull off the Pin Connectors of the Tuner IF Lead Wire and the shielded Ground Wire from the Terminals on the Signal Circuit Board as shown in Fig. 15.
- 2. Remove Screws 1 and 2 (Fig. 15).
- 3. Push the Telescopic Antenna and the External Antenna Connectors in the direction shown by the arrows in Fig. 15. The Telescopic Antenna and the Connectors can now be detached.



(Fig. 15)

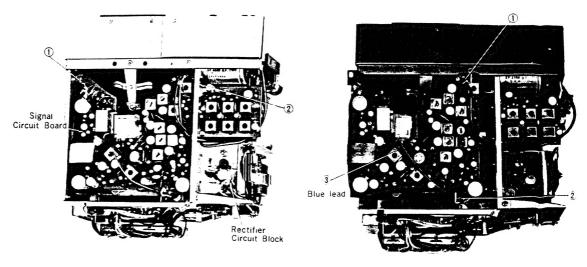
(Fig. 16)

- 5. The Tuner can de betached by removing two Screws on the front located near the Tuning Control Shaft. One Screw is on the Front Panel and the others inside on the Tuner as shown in Fig. 17.
- 6. The Tuner, Telescopic Antenna and Antenna Connectors can be removed from the set by unsoldering the Red Wire to the front of the Tuner, the Black Wire to the Chassis and the Yellow Wire with the Resistor to the Antenna Jack. The IF Lead Wire to the Tuner with the Pin Connectors can be pulled through from the back of the Picture Tube. (Fig. $32\sim33$)



To Remove the Signal Circuit Board

- 1. Remove the Screws $(\widehat{1}, \widehat{2})$ in Fig. 20).
- Pull out the Connectors (1), (2) in Fig. 21).
 Unsolder the Blue Lead at the Relay Terminal coming from the "CCIR" Selector Switch (3) in Fig. 21).
- 4. The Signal Circuit Board can be removed as a unit by pulling directly from the Multi-Jack.

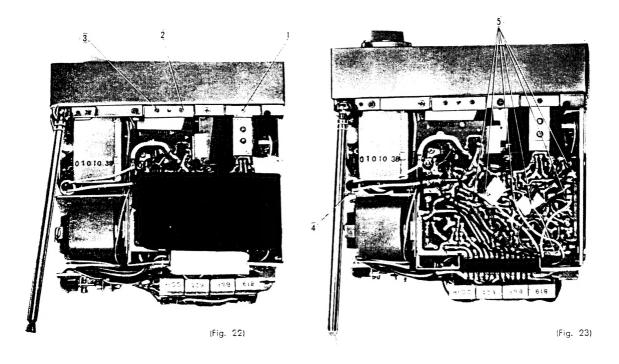


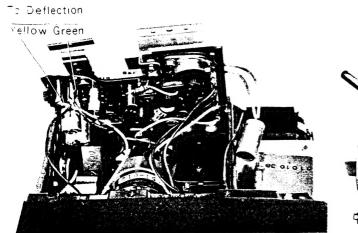
(Fig. 20)

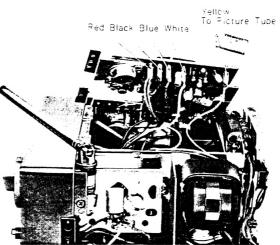
Fig. 21)

To Remove the Deflection Circuit Board

- 1. Remove Screws $\widehat{\mathbb{D}}$, $\widehat{\underline{\mathfrak{g}}}$ and $\widehat{\mathfrak{g}}$. (Fig. 23)
- 2. Remove the Electrolytic Capacitor "C810" from the Power Supply by pulling the body $(\hat{\mathfrak{J}},$ in Fig. 23)
- 3. Unsolder the six leads (5) in Fig. 23, Yellow, Orange, Green, Gray, Violet and Whitel.
- 4. Pull out the connectors shown in Fig. 24 and Fig. 25.





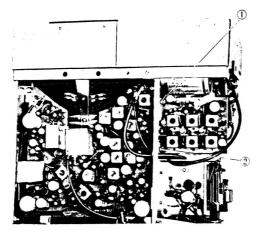


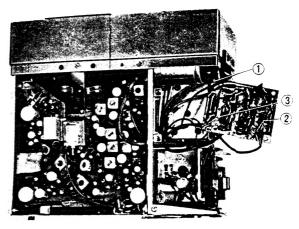
(Fig. 24)

(Fig. 25)

To Remove the AM SIF Circuit Board

- 1. Remove the two Screws (1) and 2 in Fig. 26)
- 2. Unsolder the Blue lead (+B lead), the Black Coaxial Cable (Input lead) and the Black Shielded lead (Output lead) (1) in Fig. 27).



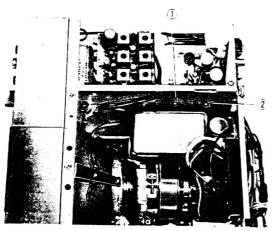


(Fig. 26)

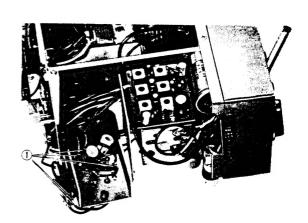
(Fig. 27)

To Remove the Rectifier Circuit Board

- 1. Remove the two Screws. (1) and 2 in Fig. 28)
- 2. Unsolder the eight leads. (1) in Fig. 29)







(Fig. 29)

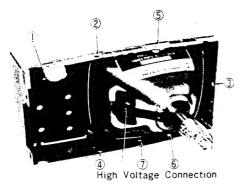
To Remove the Chassis from the Front Panel

Remove Screws ②, ③ and ④. Remove the Screw ① from the front side after pulling off the Channel Selector Knob and the Fine Tuning Knob (Refer to Fig. 4 on page 3.)

Unsolder the Red, the Blue and the Black Wires from the Pin Connectors. These wires go to the Picture Tube Yoke. Also unsolder the Green Wire from the Choke Coil located just below the Speaker. Pull off the High Voltage Anode Connector from the side of the Picture Tube. This is a Snap Fastener but use caution in removing it. Pull off the Socket of the Picture Tube straight back.

To Remove the Picture Tube

Remove the Screw and Nuts (5), 6 and 7 shown in Fig. 30) and lift up the Picture Tube.





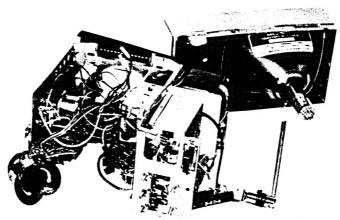
(Fig. 30)

(Fig. 31)

To Remove the High Voltage Block

- 1. Unsolder three lead wires (Red, Blue and Black).
- 2. Pull off the Anode Cap.
- 3. Pull off the Pulse Supplying Pin Connectors coming from the Signal Circuit Board.
- 4. Remove the Phillips Screw.

NOTE: It is not recommended that the High Voltage Block is disassembled because a special Insulating Material is used inside to coat all High Voltage Points.



(Fig. 32)

Adjustment and Alignment

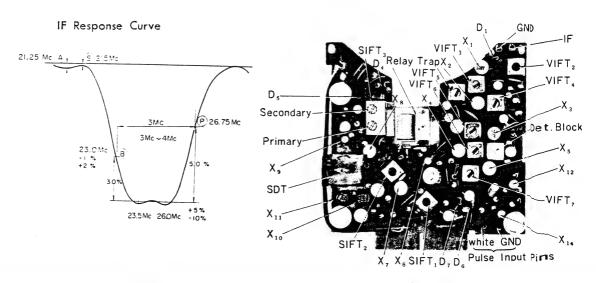
SIGNAL CIRCUIT ADJUSTMENT

A. VIF Adjustment

- 1. Disconnect the Keying Pulse Output Cable (shown by arrow 2 in Fig. 20).
- 2. Connect an Electrolytic Capacitor (500 mfd/120 V) across R316 (10 K Ω).
- 3. Connect a potentiometer (60 K Ω) between \pm 12 V line and base of X6 (2SC73).
- 4. Connect a Voltmeter across C-R301 (1.2 K Ω).
- 5. Adjust the potentiometer to obtain $1.2\,\mathrm{V}$ reading on the Voltmeter.
- 6. Connect the Tuner Output Cable to VIF input pin as shown. (① in Fig. 20)
- 7. Connect a Sweep Generator and a Marker Generator to the Test Point (T. P.) of the Tuner through a 2 mm fd capacitor.
- 8. Connect an Oscilloscope across R322.

Step No.	Marker Gen. Frequency	Adjust	Correct Marker position on the response curve	Remarks
1.		VIFT,		Set the slug around mid-point
2.	21.5 Mc	Trap	(S) (dip)	of the adjustable range.
3.	26.75 Mc	VIFT ₄	P (50%)	
4.	23.0 Mc	VIFT ₃	B) (30%)	
5.		VIFT ₅		
	Management of the state of the	(height)		
6.		VIFT ₂		1
		(Shape of the curve		For "normal response curve
		arcund summit)		with maximum height.
7.		VIFT,		
		(emps)		1

^{**} Normal Response Curve is shown in Fig. 33. The difference in level between P and S on the curve must be within the range between 16 d3 and 26 dB. For convenient checking, it is recommended to measure the height at 21.25 Mc, A, when the height of the response curve is 5 cm. During the alignment procedure, always keep the 5 cm height (corresponding 1 Vpp output) by adjusting output level of the Sweep Generator. If the height A is approximately from 1 mm to 2 mm, the difference in level between P and S is considered approximately as 20 dB.



(Fig. 33)

(Fig. 34)

- NOTE: If a proper response curve is not obtained by the adjustment procedures described above, change the values of damping resistors (R304, R306) on the Signal Circuit Board for optimum result.

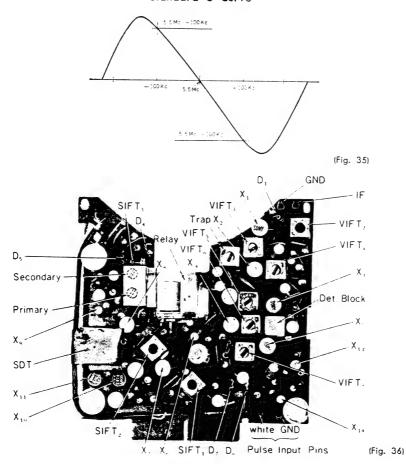
 After adjustment, check AGC operation as follows.
 - Disconnect the potentiometer (60 K Ω) between the \pm 12 V line and base of X6 (2SC73). The response curve will become much higher.
 - 2) Connect the Keying Pulse Input Cord and feed $-8\ V$ DC. The response curve will be restored to normal by means of AGC effect.

B. FM SIF Adjustment

- 1. Set the Brightness Control to the optimum and the Contrast Control to the maximum positions.
- 2. Remove the Tuner Output leads.

Step No.	Equipment	Connection	Freq.	Adjust	Result
1.	Test Oscillator	VIDEO DET OUT	5.5 Mc	SIFT	For minimum 5.5 Mc stripes on the Picture.
2.	Same Voltmeter	Same Between junction of R_{214} and C_{414} , and ground	5.5 Mc	SIFT ₂ Pry. cf SIF ₃ (pink)	For maximum reading on the Voltmeter.
3.	Sweep Gen. Standard Signal Gen. Oscilloscope	VIDEO DET OUT Same Across C ₄₁₄	5.5 Mc(AM)		For minimum mcdulated wave.

Standard S Curve



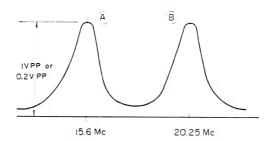
- ${f NOTE}:$ 1. Repeat the above procedures two or three times.
 - 2. If S curve is not symmetrical with respect to the intersection of the S curve and the return line, adjust primary winding of SIFT3 for optimum result.

C. AM SIF Adjustment

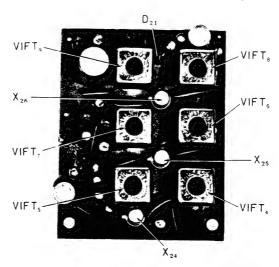
- 1. Disconnect the Tuner Output Cable (2) in Fig. 27) and the SIF Output lead (1) in Fig. 27).
- 2. Connect a Sweep Generator and a Marker Generator to the SIF input (2 in Fig. 27).
- 3. Connect an Oscilloscope in parallel with a 5.1 k Ω resistor between the SIF Detector out terminal and ground.

Step No.	Peak Value of the Response Curve	Marker Gen. Freq.	Adjust	Result
1.	1 Vpp	15.6 Mc and 20.25 Mc	SIFT ₈ SIFT ₉	To position the markers on the relative peak points of the response curve. (A & B)
2.	0.2 Vpp	same	SIFT ₄ SIFT ₅ SIFT ₆ SIFT ₇	To obtain an optimum response curve. (Fig. 37)
3.	1 Vpp	same		Check that the response curve is normal. If not, repeat the Steps, 1 and 2.

AM SIF Standard Response Curve



(Fig. 37)



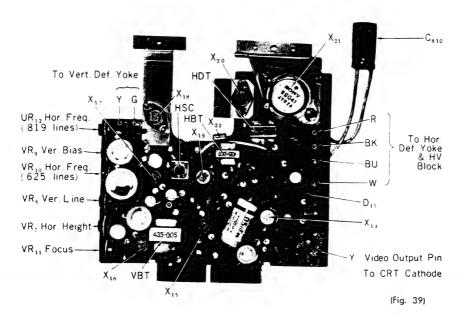
(Fig. 38)

D. SYNC and DEFLECTION CIRCUIT ADJUSTMENT

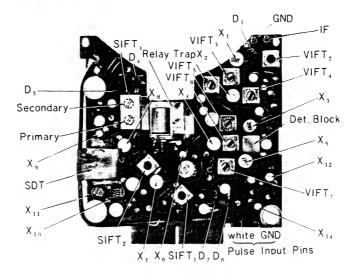
Set the receiver to CCIR (625) standard.

Step No.	Adjustment for	Preparation	Equipment	Connection	Adjust	Result
1.	50 V line	Lock in Sync.	Voltmeter	\bigoplus side of C_{808} and ground	R ₈₀₈ (8 k~20 k Ω)	For approx. 50 V reading.
2.	le of X ₁₃ (VID OUT)	Set to free Channel. Check 12 V and 50 V power supplies.	same	Across R ₅₀₈	R ₅₀₈ (4.3 k~18 kΩ)	For approx. 17 V reading.
3.	Ic of X ₁₈ (Vert. OUT)	Lock in Sync. Check 12 V power supply.	same	Across R ₇₁₃	VR ₉ (Vert. Bias)	For approx. 0.33 V reading.
4.	Vert. Height and Linearity	Receive a Test Pattern. Check 12 V power supply.			VR ₇ (Vert. Linearity) VR ₉ (Vert. Height)	For optimum Vertical Height and Linearity on the pattern.
5.	Pulse Width	Lock in Sync. Short out HSC.	Oscilloscope	Emitter of X ₁₉	C ₉₁₄ (0∼0.03 <i>µ</i> F)	For $10\sim13\mu$ sec.
6.	HSC (Horizontal Stabilily Coil)	Lock in Sync. Receive a Test Pattern.			HSC	So that the picture is stable in either case where HSC is shorted or normal.
7.	Ic of X ₂₀ (Hor. Drive)		Ammeter	Across R ₈₀₆	R _{s06} (2~15Ω)	For 100 mA reading on the Ammeter.
8.	Horizontal Frequency	Set the Contrast and Brightness Controls to optimum positions. Receive a Test Pattern.			VR ₁₀ (Hor. Freq. 625) VR ₁₃ (Hor. Freq. 819)	To obtain same number of diagonal bars when setting VR ₄ to extremely clockwise and counterclockwise positions.
9.	Focus	Same			VR ₁₁ (FOCUS)	For optimum focus.
		Lock in Sync.				

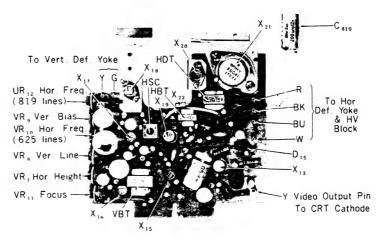
NOTE: As the steps, 5 and 6, have influence on each other, the adjustments must be repeated two or three times.



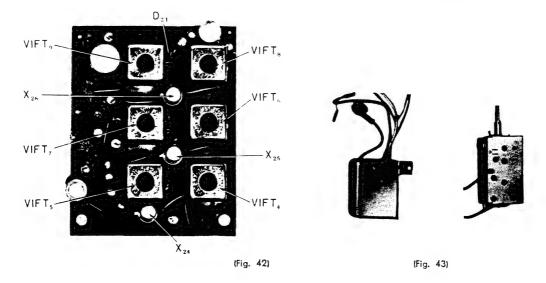
Electronic Information of Each Section

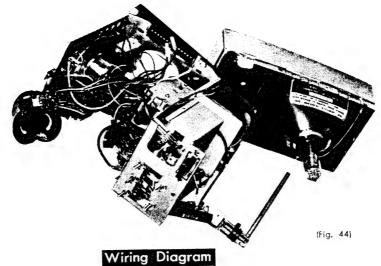


(Fig. 40)

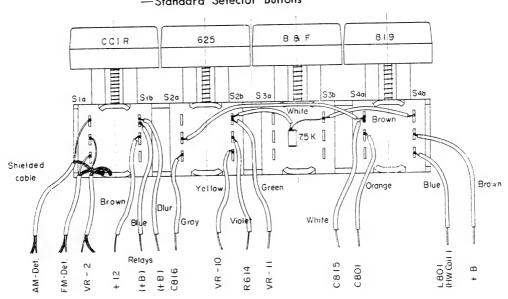


(Fig. 41)



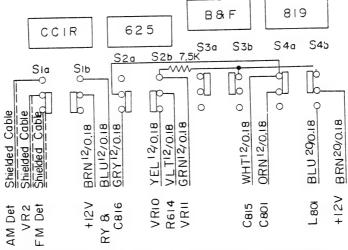


—Standard Selector Buttons—

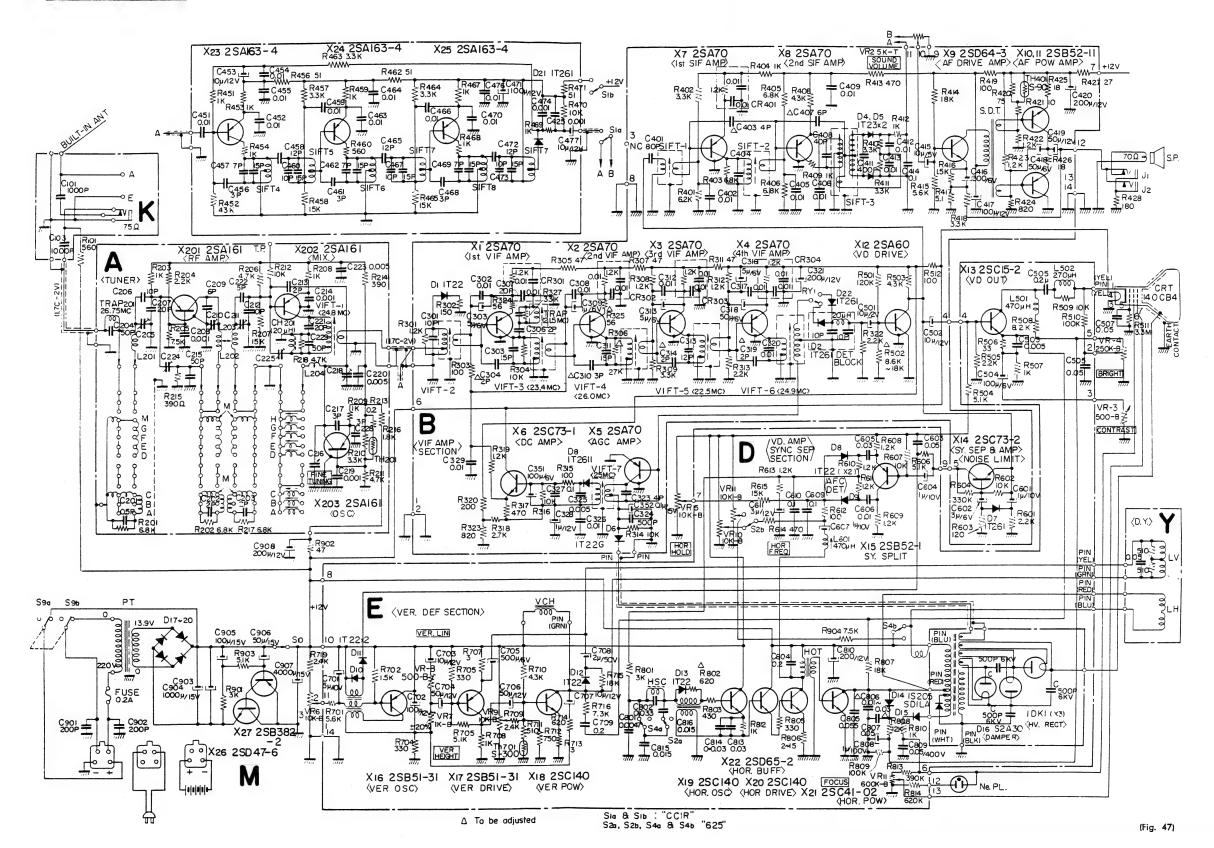


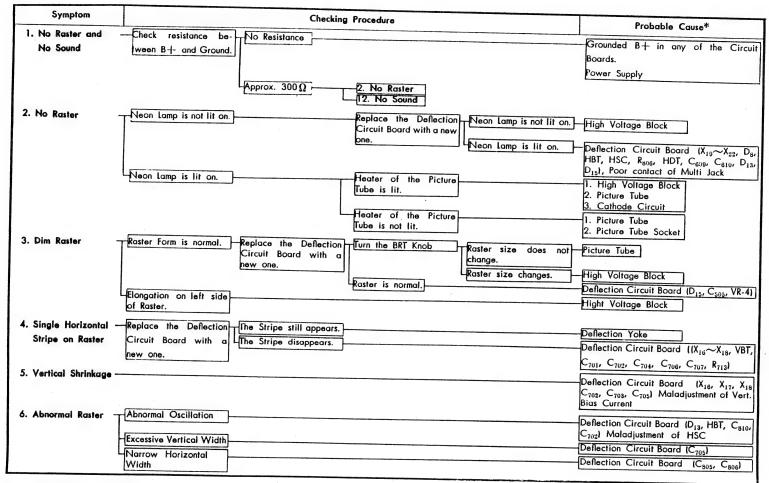
(Fig. 45)

(Fig. 46)



Switch Position when CCIR and 625 Buttons are pressed





DEFLECTION and SYNC

Symptom		Checking Procedure	Probable Cause*
7. No Picture and No Sound	Replace the Signal No Change Circuit Board with a new one.		Tuner Signal Circuit Board (X ₁ ~X ₄ , X ₁₂ , C ₄₀₁ C ₅₀₁ , CR ₃₀₁ ~CR ₃₀₄ , VIFT ₂ ~VIFT ₆ , DEI Block)
8. No Picture		Refer to Note on pag 25.	
9. Low Contrast	Replace the Deflection Circuit Board with a new one.		C ₈₀₇) Signal Circuit Board IX ₁ ~X ₄ , X ₁₂ , CR ₃₀₁ ~CR ₃₀₄ , D ₂₂ , DET Block, VIFT ₂₋₆ , C ₃₀₂ , C ₃₀₃ , C ₃₀₈ , C ₃₀₉ , C ₃₁₂ , C ₃₁₃ , C ₃₁₇ , C ₃₁₈) Deflection Circuit Board IX ₁₃ , D ₁₄ , C ₅₀₄ ,
O. Saturated Picture	Replace the Deflection Circuit Board with a new one.		C ₆₀₇) Signal Circuit Board (X ₅ , X ₆ , X ₁₂ , D ₃ , D ₆ , C ₃₃₄ , R ₃₁₂ , R ₅₀₂ , Det. Block) Deflection Circuit Board (D ₁₃ , VR-3,
1. Loss of Synchronization	Replace the Deflection Circuit Board with a Normal		R ₅₀₅ , C ₅₀₄

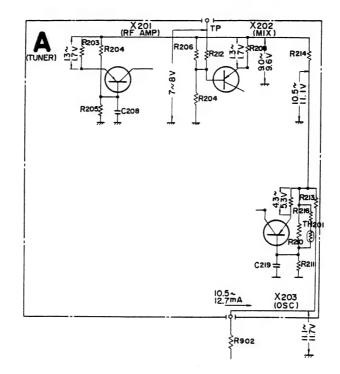
SOUND

20

Symptom	Checking Procedure	Probable C. *
12. No Sound Listen wit	Sound is heard through the Earphone. No sound is heard.	Earphone Jack Speaker Signal Circuit Board (X ₇ ~X ₉ , SDT, SIF)
13. Weak Sound Cannot be turning the Knob.	Replace the Signal Circuit Board with a	SIFT ₃ , CR ₄₀₁) Short of Shielded Wire AM+SIF Circuit Board (X ₂₃ , X ₂₄ , D ₂ SIFT ₄ ~SIFT ₈ , C ₄₇₇ , R ₄₇₁) Tuner
[KIIOU.	new one.	Signal Circuit Board (X ₈ ~X ₁₁ , D ₄ , D ₅ , SDT, C ₄₀₁ , C ₄₀₂ , C ₄₀₅ , C ₄₁₈ , C ₄₂₂ Maladjustment of SIF Circuit AM-SIF Circuit Board (X ₂₃ , X ₂₄ , D ₂₁ SIFT ₈ ~SIFT ₈ , C ₄₅₇ , C ₄₆₀ , C ₄₆₂ , C ₄₆₇ , C ₄₆₆
4. Distorted Sound — Listen with	a Earphone. Normal Still distorted	Speaker Signal Circuit Board (X ₁₀ , X ₁₁ , SDT, D ₄ , D ₅ , C ₄₁₈) Maladjustment of SIFT ₃ (Sec. AM-SIF Circuit Board, (D ₂₁ , C ₄₂₅ , C ₄₇₄)
5. Buzz [[947 6]		C ₄₇₇) Maladjustment of SIFT ₄ ~SIFT ₈ Signal Circuit Board (D ₄ , D ₅ , C ₄₁₁ , C ₄₁₄ Maladjustment of SIFT ₃ (Sec.) Incorrect angle of Shielding Plate

^{*} The cause of trouble may probably be in any of the listed circuits.

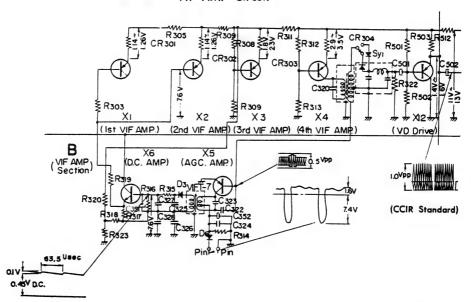
-Tuner-



(Fig. 48)

Voltage Distribution Circuit

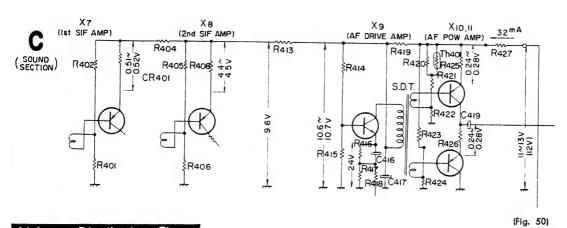
-VIF AMP Circuit-



The Switch, SW 1, shown in CCIR Standard

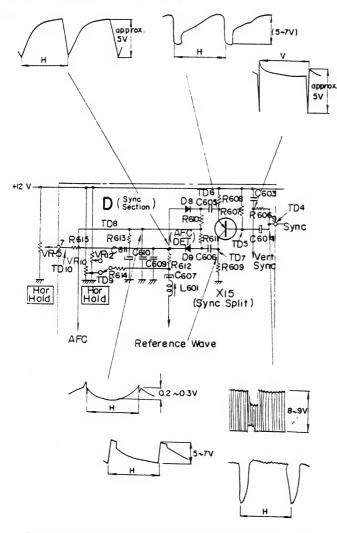
(Fig. 49)

-Sound Circuit-



Voltage Distribution Chart

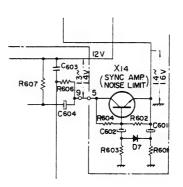
-SYNC SPLIT Circuit-



(Fig. 51)

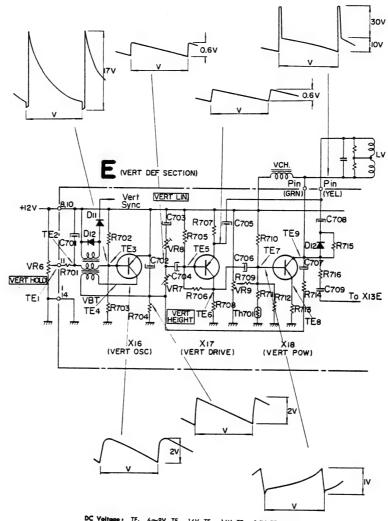
Voltage Distribution Chart

-SYNC SEP, AMP & Noise Limit Circuit-



(Fig. 52)

-VERT Deflection Circuit-

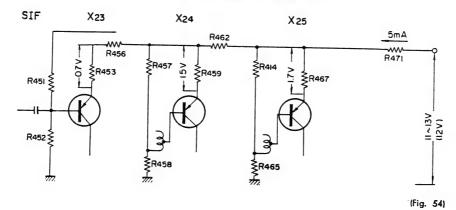


DC Voltage: $TE_1...6\sim9V$, $TE_2...16V$, $TE_3...16V$, $TE_4...5.5V$, $TE_5...11.7V$, $TE_6...8.0V$, $TE_7...1.0V$, $TE_6...0.33V$, $TE_9...9.5V$

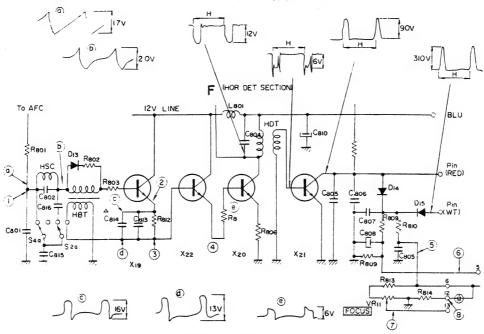
(Fig. 53)

Voltage Distribution Chart

-AM SIF AMP Circuit-



-HOR DEF Circuit-



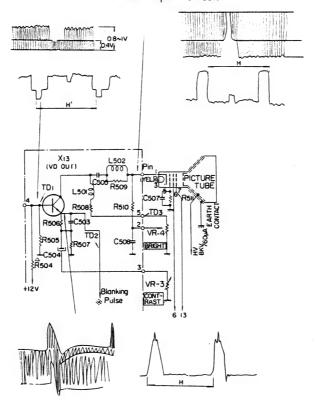
 $\textbf{DC Voltage}: \quad \text{TD}_1...3.2 \text{V}, \ \ \text{TD}_2...2.6 \text{V}, \ \ \text{TD}_3...50 \text{V}$

DC Voltage: ①...2.1V, ②... 2.7V, ③....0.02V, ④....17V ⑤....290V, ⑥....50V, ⑦...50~100V, ③...230V

(Fig. 55)

Voltage Distribution Chart

-VIDEO Output Circuit-

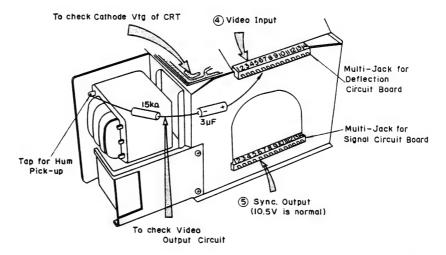


(Fig. 56)

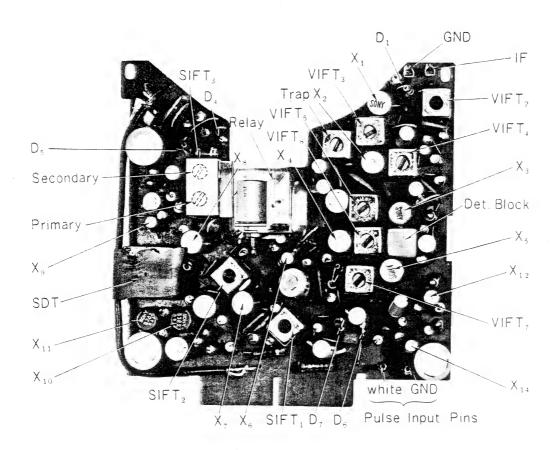
To Check Video Amp. & Synchronization Circuit

Since the Video Output Circuit of this set is on the Deflection Circuit Board, check the Video Output Circuit as follows.

Apply AC test voltage taken from the secondary winding of the transformer through a $15K\Omega$ Resistor and a $3\mu\text{F}$, 500WV or more, Electrolytic Capacitor, to the Terminal No. 4 (The input terminal to the Video Output Circuit) of the Deflection Circuit Board as shown in Fig. 56. If the AC hum appears on the Picture Tube, replace the Signal Circuit Board.



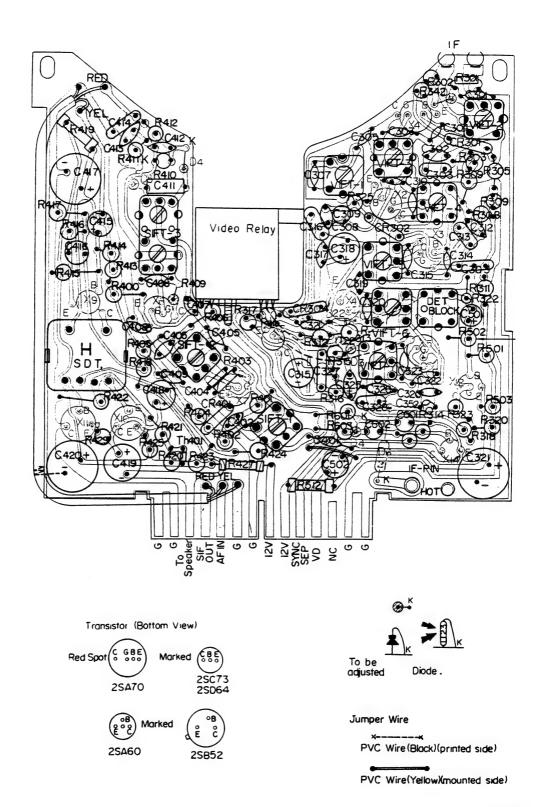
(Fig. 57)



(Fig. 58)

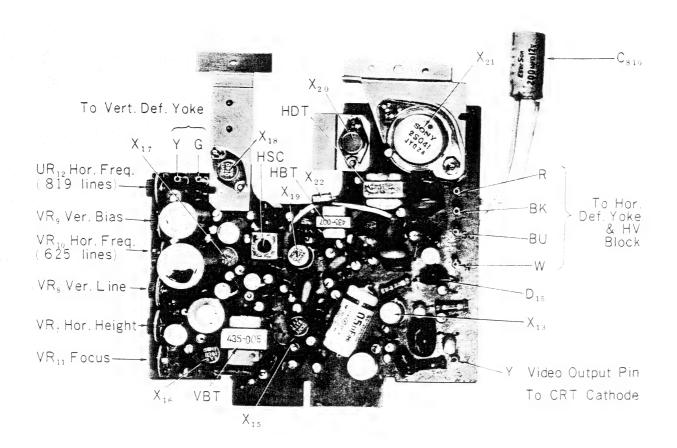
Mounting: Diagram

-Signal Circuit Board-



(Fig. 59)

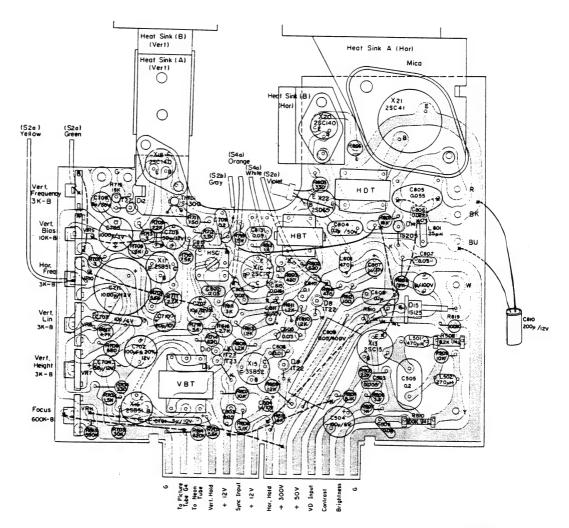
Deflection Circuit Board



(Fig. 60)

Mounting Diagram

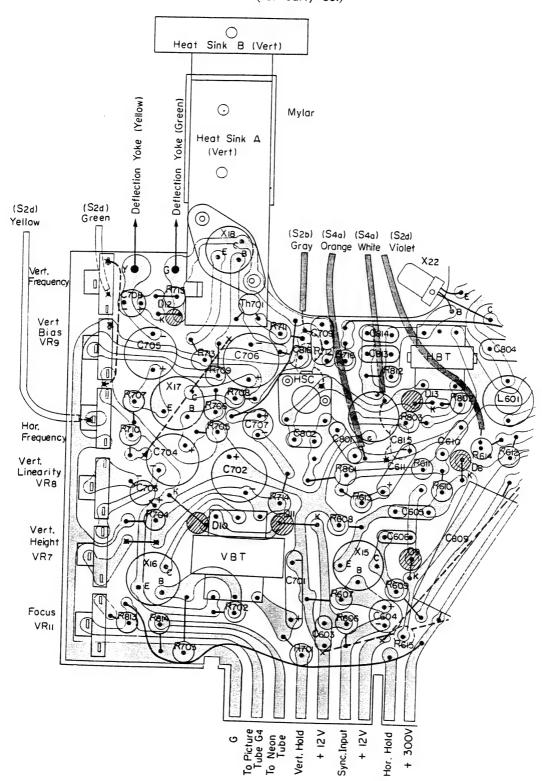
-Deflection Circuit Board-



(Fig. 61)

Mounting Diagram

—Deflection Circuit Board— (for early Set)

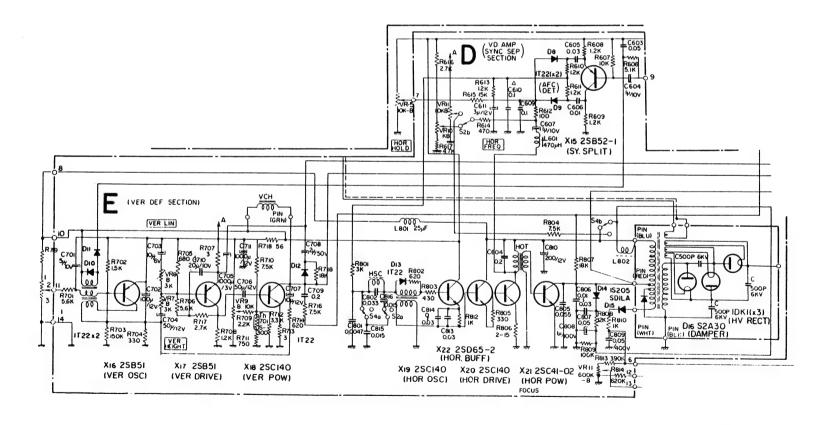


(Fig. 62)

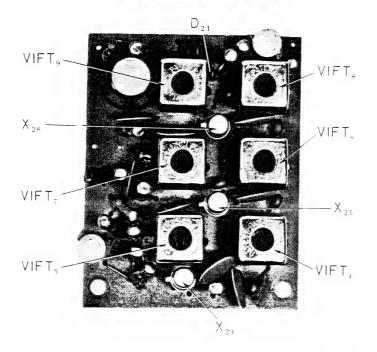
Schematic | Diagram

-Deflection Circuit Board-

(for early Set)



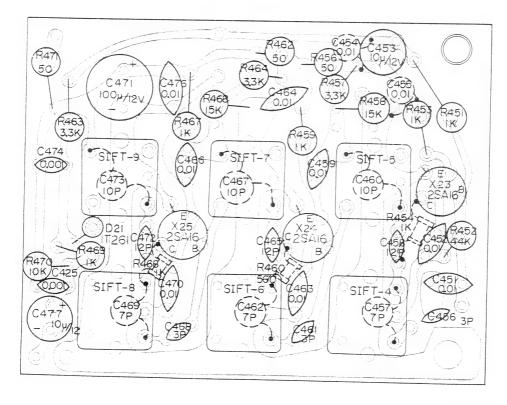
AM SIF Circuit Board



(Fig. 64)

Mounting Diagram

AM SIF Circuit Board



(Fig. 65)

Electrical Parts List (A)

Part No.	Symbol	Description	Part No.	Symbol	Description
		Transistor	1-403-426-11	VIFT ₂	Video IF Transformer
	X ₂₀₁	2SA 161 (RF AMP)	-424-02	VIFT ₃	"
	X ₂₀₂	2SA 161 (MIX)	-425-02	VIFT4	"
	X ₂₀₃	2SA161 (OSC)	-417-02	VIFT ₅	"
	X	2SA70 (1st VIF AMP)	-418-02	VIFT	//
	X ₂	2SA70 (2nd VIF AMP)	-419-02	VIFT,	"
	Х ₃	2SA70 (3rd VIF AMP)	-306-02	SIFT	Sound IF Transformer
	X ₄	2SA70 (4th VIF AMP)	-311-02	SIFT ₂	//
	X ₅	2SA70 (AGC AMP)	-310-02	SIFT ₃	IF Transformer for FM Detector
	X ₆	2SC73 (DC AMP)	X-40032-85-1		Tuner Rotary Coil
	X ₇	2SA70 (1st SIF AMP)	1-409-029-12	L ₂₀₁ ~204 Trap ₂₀₁	
			1-407-001-00	CH ₂₀₁	Video IF Trap Coil
	X ₈	2SA70 (2nd SIF AMP)	-013-03		IF Choke Coil
	X ₉	2SD64 (AF DRIVE AMP)		Trap 1	Sound Signal Trap
	X ₁₀	2SB52 (AF POW AMP)	1-403-420-00	DET	Video Detector Block
	X ₁₁	2SB52 (AF POW AMP)	1-423-048-00	SDT	Sound Driver Transformer
	X12	2SA60 (VD DRIVE)	1-411-003-11	L ₅₀₁	Peaking Coil 470μH
	X ₁₃	2SC15 (VD OVT)	-002-11	L502	″ 270μH
	X ₁₄	2SC73 ISYNC SEP. AMP, NOISE	-003-11	L ₆₀₁	// 470μH
		LIMIT)	1-421-013-11	L902	Harizontal Choke Cail
	X 15	2SB382 (SY SPLIT)	1-435-005-00	VBT	Vertical Blocking Transformer
	X16	2SB381 (VER OSC)	1-421-106-17	VCH	Vertical Output Chake Cail
	X ₁₇	2SB381 (VER DRIVE)	1-413-011-11	HSC	Stabilizing Coil for Horizontal
	X ₁₈	2SC140 (VER POW)			Sweep
	X ₁₉	2SC140 (HOR OSC)	1-435-007-12	HBT	Horizontal Blocking Transformer
	X ₂₀	2SC140 (HOR DRIVE)	1-437-002-00	HDT	Horizontal Driver Transformer
	X ₂₁	2SC41 (HOR POW)	1-439-003-02	HOT	Horizontal Output Transformer
	X ₂₂	2SD65 (HOR BUFFER)	1-441-147-11	PT	
		2SA163	1. 441 147 11	FI	Power Transformer
	X ₂₃				
	X ₂₄	2SA163		\/D	Potentiometer
	X ₂₅	2SA163	1-221-276-11	VR ₂	Volume Control 5 KΩ-T
	X26	2SD47	-275-11	VR ₃	Contrast Control 500 Ω - E
	X ₂₇	2SB382	-265-11	VR ₄	Brightness Control 250 K Ω-B
			-297-11	VR ₅	Horizontal Hold Control 10 KΩ
		Diode	-297-11	VR ₆	Vertical Hold Control 10KΩ-B
	D,	1T22AJ	-335-00	VR ₇	Vertical Height Control 1KΩ-B
	D_2	1T261J	-326-00	VR ₉	Vertical Linearity Control 500 Ω
	D_3	1T261J	-327-00	VR ₉	Vertical Bias Control 10 KΩ-B
	D_4	1T23J	-327-00	VR ₁₀	Horizontal Frequency Control
	D ₅	1T23J			10 K Ω -B
	D ₆	1T22AJ	-351-00	VR ₁₁	Focus Control 600 K Ω -B
	D_7	1T261J			-
	D _a	1T22AJ			Encapsulated Component
	D ₉	1T22AJ	1-101-406-01	CR ₃₀₁	1.2K Ω 0.01 μF 0.01 μF
	D ₁₀	1T22AJ	-406-01	CR ₃₀₂	//
	D ₁₁	1T22AJ	-406-01	CR ₃₀₂	"
	D ₁₂	1T22AJ	-406-01	CR ₃₀₄	"
	D ₁₃	1T22AJ	-406-01	CR ₃₀₅	"
		15205	,,,,	C^305	"
	D ₁₄				
	D ₁₅	SD-1LA S2A30	1 001 454 05		Resistor
1 521 102 00	D ₁₆		1-201-454-01	R ₁₀₁	560 Ω RC 1/4 L
1-531-103-02	D _{17~20}	Selenium Rectifier	1-203-190-00	R ₂₀₁	10KΩ RDI/mL
	D ₂₁	1T261J	1-204-111-11	R ₂₀₂	6.8KΩ RDIGL
	D_{22}	1T261J	-111-11	R ₂₀₃	" "
			1-203-184-00	R ₂₀₄	2.2K Ω RD 1/16L
		Thermistor	-188-00	R ₂₀₅	7.5K Ω //
1-800-001-00	Th ₂₀₁	S-10K	-182-00	R ₂₀₆	1ΚΩ //
8-860-003-00	Th ₄₀₁	S-90	-181-00	R ₂₀₇	390Ω //
8-860-005-00	Th ₇₀₁	S-300	-185-00	R ₂₀₈	4.7ΚΩ //
			-889-00	R ₂₀₉	27ΚΩ //
		HV Rectifler	1-204-204-00	R ₂₁₀	240Ω //
1-525-039-00		1DK1	1-203-184-00	R ₂₁₁	2.2ΚΩ //
. 525 357 30			-182-00	_	1ΚΩ //
		Coil and Transformer	-182-00	R ₂₁₂	· · · · · · · · · · · · · · · · · · ·
1-403-401-00	VIFT,	Video IF Transformer	-460-00	R ₂₁₃	1ΚΩ //
1-400-401-00	* IF 1 1	AIGEO II ITUISIOMEN	-+00-00	R ₂₁₄	2.7K Ω //

Part No.	Symbol	Description	Part No.	Symbol	Description
1-203-190-00	R ₂₁₅	10KΩ RD.InL	1-203-434-00	R ₄₆₄	3.3K Ω RD 1/4.RL
-460-00	R ₂₁₆	2.7Κ Ω ″	-629-00	R ₄₆₅	15ΚΩ "
-187-00	R ₂₁₇	6.8K Ω //	-421-00	R ₄₆₇	1ΚΩ "
-18 <i>5</i> -00	R ₂₁₈	4.7K Ω ″	-182-00	R ₄₆₈	1KΩ RD 1/6L
1-201-457-00	R ₃₀₁	1.2KΩ RCT/8L	-421-00	R ₄₆₉	IKΩ RDIMRL
1-203-415-00	R ₃₄₂	150 Ω RD* ₈ RL	-427-00	R ₄₇₀	10ΚΩ //
-357-00	R ₃₀₃	100Ω "	1-204-210-11	R ₄₇₁	51 Ω //
-190-00	R ₃₁₁₄	10K Ω RD 1/16L	1-203-400-00	R ₅₀₁	120KΩ RDIARL
-414-00	R ₃₀₅	47Ω RD [±] gRL	-386-00	R ₅₀₂	1.5K Ω "
-889-00	R _{3U6}	27K Ω RD 1/6L	-375-00	R ₅₀₃	4.3K Ω //
~414-00	R307	47Ω RD™RL	-377-00	R ₅₀₄	5.1ΚΩ //
-368-00	R _{3m}	1.2K Ω //	-370-00	R ₅₀₅	2.2Κ Ω //
-373-00	R _{3n9}	3.3K Ω ″	-354-00	R ₅₀₆	33 Ω //
-41400	Rasi	47Ω //	-367-00	R ₅₀₇	1.0ΚΩ //
-368-00	R ₈₁₂	1.2K Ω //	-403-00	R ₅₀₈	8.2K Ω //
-370-00	R ₃₁₃	2.2K Ω //	-383-00	R ₅₀₉	10KΩ //
-412-00	R ₃₁₄	390Ω //	-100-00	R ₅₁₀	100K Ω RD 1/4L
-357-00	R315	100Ω "	1-201-596-00	R ₅₁₁	3.3MQ RCIAL
-383-00	R316	10ΚΩ //	1-203-011-00	R ₅₁₂	100Ω RD1/4L
-361-00	R317	470Ω //	-387-00	R ₆₀₁	22KΩ RD KRL
-37200	Rais	2.7ΚΩ "	-383-00	R ₆₀₂	10ΚΩ //
-368-00	R ₃₁₉	12.ΚΩ //	-759-00	R ₆₀₃	120Ω //
-404-00	R ₃₂₀	200Ω //	-411-00	R ₆₀₄	330ΚΩ //
-370-00	R ₃₂₂	2.2K Ω //	-377-00	R ₆₀₆	5.1KΩ "
-366-00	R ₃₂₃	820Ω "	-383-00	R ₆₀₇	10ΚΩ .//
1-201-657-00	R324	56Ω RCT/8L	-368-00	R ₆₀₈	1.2Κ Ω //
-657-00	R ₃₂₅	56 Ω "	-368-00	R ₆₀₉	1.2K Ω "
1-203-884-00	R ₃₂₇	33K Ω RD 1/6L	-363-00	R ₆₁₀	1.2ΚΩ //
-380-00	R401	6.2K Ω RDI8RL	-368-00	R ₆₁₁	1.2K Ω //
-373-00	R ₄₀₂	3.3K Ω //	-357-00	R ₆₁₂	100Ω //
1-201-123-00	R403	6.8K Ω RCTAL	-368-00	R ₆₁₃	1.2ΚΩ //
1-203-381-00	R ₄₀₅	6.8K Ω RDI8RL	-561-00	R ₆₁₄	470 Ω //
-381-00	R41115	6.8K Ω "	-385-00	R ₆₁₅	15ΚΩ //
-375-00	Rans	4.3K Ω //	-378-00	R ₇₀₁	5.6K Ω //
1-201-133-00	R469	IKΩ RCT&L	-405-00	R ₇₀₂	1.5ΚΩ //
1-203-373-00	R410	3.3K Ω RD RL	-360-00	R ₇₍₁₄	330 Ω ″
-373-00	R411	3.3K Ω //	-360-00	R ₇₀₅	330 Ω ″
-367-00	R412	1KΩ //	-377-00	R ₇₀₆	5.1ΚΩ //
-361-00	R ₄₁₃	470Ω ″	1-207-018-00	R ₇₀₇	3Ω RW 1/4RL
-385-00	R414	18ΚΩ "	1-203-367-00	R ₇₀₈	1.0K Ω RDIARL
-378-00	R ₄₁₅	5.6K Ω "	-773-00	R ₇₀₉	2.4ΚΩ //
-405-00	R4216	1.5K Ω "	-306-00	R ₇₁₀	4.3K Ω //
-351-00	R ₄₁₇	5.1 Ω //	-316-00	R ₇₁₁	510Ω //
-370-00	R ₄₁₅	2.2Κ Ω ″	-335-00	Rais	750 Ω //
-011-00	R419	100Ω RD 1/4L	1-207-018-00	R ₇₁₃	3Ω RW 4RL
-356-00	R ₄₂₀	75Ω RDI ₈ RL	1-203-857-00	R ₇₁₄	620 Ω RDIARL
-315-00	R ₄₂₁	10Ω "	1-201-147-00	R ₇₁₅	18KΩ RCIAL
-368-00	R422	1.2K Ω "	1-203-382-00	R ₇₁₆	7.5KΩ RDIGRL
-368-00	R ₄₂₃	1, 2K Ω ″	-773-00	R ₇₁₉	2.4ΚΩ //
-308-00	R ₄₂₅	18Ω " .	-443-00	R _{SOL}	3.0K Ω //
-308-00	R ₄₂₆	18Ω "	-857-00	R ₈₀₂	620 Ω //
-006-00	R ₄₂₇	27 Ω RD/4L	-760-00	R ₈₀₃	430 Ω //
-334-00	R ₄₂₅	180Ω //	-360-00	R ₅₀₃	330 Ω //
-421-00	R ₄₅₁	1KΩ RD 1/6RL	1-207-024-00	R ₈₀₆	8.2Ω RW 4RL
-430-00	R ₄₅₂	43K Ω //	1-203-386-00	R ₅₀₇	18KΩ RDT&RL
-421-00	R ₄₅₃	1ΚΩ "	-384-00	R _{SOS}	12KΩ "
-182-00	R ₄₅₄	1KΩ RD 1/1/L	-399-00	R _{SUB}	100ΚΩ //
1-204-210-11	R ₄₅₆	51 Ω RD InRL	-031-00	R ₅₁₀	IKO RD/4L
1-203-434-00	R ₄₅₇	3.3K Ω ″	-367-00	R ₅₁₂	1KΩ RDIARL
-659-00	R ₄₅₅	15KΩ //	-867-00	R _{S13}	390K Ω //
-421-00	R ₄₅₉	1ΚΩ //	-868-00	R ₉₁₄	620KΩ "
-488-00	Rasin	560 Ω RD/6L	-306-00	R ₉₀₁	4.3ΚΩ //
1-204-210-11	R ₄₆₂	51Ω RDI _M RL	-148-00	R ₉₀₂	47Ω RD /4L
1-203-434-00	R463	3.3K Ω //	-377-00	R ₉₀₃	5.1KΩ RDIARL

Part No.	Symbol	Description	Part No.	Symbol	Description
1-203-382-00	R ₉₀₄	7.5K Ω RD 1/8 RL	1-121-244-11	C ₃₅₂	0.1 µF 25WV Electrolytic
	_	Capacitor	1-101-112-01	C401	50PF Ceramic
1-101-001-01	C ₁₀₁	0.001 μF Ceramic	-004-01	Cane	0.01 μF 250WV Ceramic
-001-01	C ₁₀₃	0.001 μF "	-069-01	C403	4PF Ceramic
-562-11	C ₂₀₁	50PF //	-319-01	C404	70PF //
-076-00	C202	2PF //	-004-01	C4115	0.01 µF 50WV Ceramic
-076-00	C _{2:13}	2PF //	-004-01	C406	0.01 / F 50WV //
1-101-030-11	C ₂₀₄	200PF //	-085-01	C407	6PF Ceramic
1-141-060-11	C ₂₀₅	Cylindrical Trimmer Capacitor	-129-01	C4118	40PF //
1-101-061-11	C206	10PF Ceramic	-004-01	C4119	0.01/tF 50WV Ceramic
	C ₂₀₇	20PF //	1-103-023-11	C411	400PF Micro Styrole Capacitor
1-101-547-11	C ⁵⁰⁸	0.0012μF "	-118-01	C412	0.01 uF 50WV Ceramic
-553-11	C ₂₉₉	3PF //	1-101-118-01	C413	0.01 uF 50WV //
-060-11	C210	Cylindrical Trimmer Capacitor	-086-01	C414	0.1 uf 50WV "
-562-11	C ⁵¹¹	"	1-121-104-05	C415	10 uf 6WV Electrolytic
1-141-060-11	C212	"	-102-05	C416	30 uF 6WV //
-960-11	C213	"	-120-01	C417	100 uF 12WV //
-038-11	C214	5PF Ceramic	-135-05	C418	50 uF 6WV "
1-101-061-11	C215	10PF //	-122-05	C419	50µF 12WV //
-161-11	C216	Cylindrical Trimmer Capacitor	-121-01	C ₄₂₀	200 µF 12WV //
-027-11	C217	20PF Ceramic	1-101-004-11	C ₄₅₁	0.01 /2F 50V Ceramic
-547-11	C314	0.0012μF "	-004-11	C452	0.01/A 30V Cerdinic
-562-11	C219	200PF //	1-121-118-11	C ₄₅₃	10 uF 12WV Electrolytic
-547-11	C220	0.012μF "	1-101-004-11	C ₄₅₄	0.01 aF 50V Ceramic
-533-11	C221	3PF //	-011-11	C ₄₅₆	3PF 50V //
1-141-060-11	C222	Cylindrical Trimmer Capacitor	-094-11	C ₄₅₇	7PF 50V //
-054-11	C::23	Piston Trimmer A	-130-11	C ₄₅₈	12PF 50V //
1-101-553-11	C224	3PF Ceramic	-004-11	C ₄₅₉	0.01 uF 50V "
-027-11	C ₂₂₅	20PF //	-094-11	C460	7PF 50V "
-554-11	C:26	4PF //	-011-11	C ₄₆₁	3PF 50V //
-547-11	C ₂₂₇	0.0012μF //	-094-11	C+62	7PF 50V //
-201-12	C228	0.0018μF "	-004-11	C ₄₆₃	0.01 uF 50V "
-788-11	C229	30PF //	-004-11	C464	0.01 µF 50V //
-072-14	C531	0.01 μF //	-130-11	C465	12PF 50V //
-645-01	C ₃₀₁	10PF //	-004-11	C ₄₆₆	0.01 µF 50V //
-001-01	C302	0.01 μF //	-094-11	C467	7PF 50V //
-106-01	C303	5uF 6WV Electrolytic	-011-11	C ₄₆₈	3PF 50V //
-046-01	C ₃₀₄	2PF Ceramic	-061-11	C469	10PF 50V //
-114-01	Cans	1.5PF //	-004-11	C ₄₇₀	0.01 uf 50V "
1-101-046-01	C306	2PF //	1-121-120-11	C ₄₇₁	100 µF 12WV Electrolytic
-111-01	C307	200PF //	1-101-130-11	C ₄₇₂	12PF 50V Ceramic
-004-01	C308	0.01 µF 50WV Ceramic	-061-11	C ₄₇₃	10PF 50V //
1-121-145-05	C ₃₀₉	1 μF 6WV Electrolytic	-455-11	C474	0.01 uF 50V "
1-101-036-01	C310	3PF Ceramic	-455-11	C ₄₇₅	0.01 µF 50V //
-114-01	C311	1.5PF //	1-121-118-11	C ₄₇₇	10μF 12WV Electrolytic
-004-01	C312	0.01 µF 50WV Ceramic	-118-11	C ₅₀₁	10μF 12WV //
1-121-106-05	C313	5µF 6WV Electrolytic	-118-11	C ₅₀₂	10μF 12WV //
1-101-046-01	C314	2PF Ceramic	1-105-669-12	C ₅₀₃	0.047μF 50WV Mylar
-649-01	C315	12PF //	1-121-115-05	C ₅₀₄	100 µF 6WV Electrolytic
1-121-106-05	C316	5µF 6WV Electrolytic	1-105-689-12	C ₅₀₄	0.22 μF 50WV //
1-101-004-01	C317	0.01 µF 50WV Ceramic	-721-12	C ₅₀₆	0.047μF 100WV "
1-121-135-05	C318	50μF 6WV Electrolytic	-681-12	C ₅₀₇	0.047 μF 100VV //
1-101-046-01	C319	2PF Electrolytic	1-127-906-00	C ₆₀₁	1 µF 10WV Electrolytic (Alox)
-645-01	C320	10PF //	-907-00	C ₆₀₂	3µF 6WV // //
1-121-121-01	C ₃₂₁	200μF 12WV Electrolytic	1-105-681-12	C ₆₀₂	0.047 µF 50WV Mylar
1-101-069-01	Caus	4PF Ceramic	1-127-906-00	C ₆₀₄	1 pf 10WV Electrolytic (Alox)
-627-01	C ₃₂₃	6PF //	1-105-679-12	C ₆₀₅	•
-424-01	C ₃₂₄	500PF 25WV Ceramic	-673-12	C ₆₀₆	0.033 uF 50WV Mylar
-058-01	C ₃₂₅	0.05 uf 50WV //	1-127-906-00	C ₆₀₇	0.01 µF 50WV //
1	C326	0.01 uF. 50WV //		_	1μF 10WV Electrolytic (Alox)
-004-01	_ 1	•	1-105-685-12	C ₆₀₉	0.01 µF 50WV Mylar
-004-01 -086-01	C997	ULIVE SUVVV //	1_107_DOF OO		F F 101401 F
~086-01	C ₃₂₇ C ₃₂₈	0.1 μF 50WV //	1-127-905-00	C ₇₀₁	5µF 10WV Electrolytic (Alox)
	C ₃₂₇ C ₃₂₈ C ₃₂₉	1 µF 12WV Electrolytic 0.01 µF 50WV Ceramic	1-127-905-00 1-121-141-05 -118-05	C ₇₀₂ C ₇₀₃	5μF 10WV Electrolytic (Alox) 100μF 12WV Electrolyti← 10μF 12WV //

Part No.	Symbol	Description	Part No.	Symbol	Description
1-121-161-05	C ₇₀₅	500 µF 6WV Electrolytic	1-105-681-12	C ₈₁₃	0.047 gF 50WV Mylar
-122-05	C7.16	50 µF 12WV //	-679-12	C ₈₁₄	0.033 uf 50WV //
-164-05	C707	10 uF 12WV "	-675-12	C ₈₁₅	0.015µF 50WV //
-136-05	C708	2 µF 50WV //	-679-12	C ₈₁₆	0.033 uf 50WV "
1-105-637-00	C709	0.2 µF Mylar	-753-12	C ₈₁₇	0.01 uf 200WV //
-669-12	C ₅₀₁	0.047 pF 50WV Mylar	1-109-010-11	C ₉₀₁	200PF 500V Mica
-681-12	Csoe	0.047 uF 50WV //	-010-11	C902	200PF 500V //
-68512	C ₉₀₄	0.1 uF 50WV //	1-121-245-11	C ₉₀₃	1000 µF 15WV Electrolytic
1-105-122-11	Csus	0.055 geF //	-245-11	C ₉₀₄	1000µF 15WV //
-757-12	C8.16	0.022 µF 200WV //	-082-11	C ₉₀₅	100μF 15WV //
-721-12	C ₅₀₇	0.047μF 100WV //	1-121-139-11	C ₉₀₆	50 µF 15WV //
1-121-148-05	Csos	1 aF 100WV Electrolytic	-003-11	C907	4000µF 15WV //
1-115-046-00	C 509	0.05µF 400WV Oil	-121-11	C ₉₀₈	2000 µF 12WV //
1-121-220-11	C ₅₁₀	200 uF 12WV Electrolytic			

Electrical Parts List (B)

Part No.	Description	Q'iy	Part No.	Description	Q'ty
	A. General		1-525-039-00	High Voltage Rectifier 1DK1 HV1, 2, 3	3
	Video Signal Block	1			
1-538-110-03	Printed Circuit Board	1		C. Wires & Miscellaneous	
1-506-108-00	Connecting Pin	2		Video Signal Block	
1-507-109-00	Connecting Tip	4		Thermo Stable PVC Wire, Black	mr
1-515-024-11	Relay	1		$16/0.16$ 1.6ϕ in Diameter	200
	Deflection Block			Cable (Two Conductors) Black	170
1-538-124-11	Printed Circuit Board	1		Spaghetti Gray 23 mm	26
1-506-108-00	Connecting Pin	7		Deflection Block	
4-003-051-01	Ceramic Spacer	2		Thermo Stable PVC Wire	
	Sound IF Block			Yeliow 0.6ϕ	125
1-538-254-11	Printed Circuit Board	1		Black 16/0.12	155
	High Voltage Block			Black 26/0.16	120
1-453-001-02	High Voltage Block (Complete)	1		Black 26/0.16	35
	Deflection Yoke Block			Main Block	
1-451-012-12	Deflection Yoke (Complete)	1		PVC Wire	
	Main Block			Red $12/0.18 1.5 \phi$ in Diameter	
1-502-068-02	Speaker	1		Orange // // //	
-068-04 [†]	Speaker	'		Yellow // // //	1
1-506-020-11	4 Pole Plug for Power Receptacle	1		Green // // //	İ
1-507-203-00	Multi-Jack	2		Blue // // //	
1-513-176-03	Power ON-OFF Switch	1		Gray // // //	
-176-13	Tower City-Cit Switch	'		White // // //	
1-526-052-03	Picture Tube Socket	1		Brown // // //	
-052-04	TICIDIO TODO SOCKET			Biack // // //	
1-532-031-11	Fuse	1		Violet // // //	
X-40026-29-0	Neon Lamp with Holder	1		Black 20/0.18 2¢ //	1
1-514-081-11	Micro Switch	1		Brown // // //	
4-002-713-01	Micro Switch Actuator	1		Red // // //	
1-531-103-02	Selenium Rectifier	1		Gray // // //	
-106-16)	Selemen Recimel	'	V	White // // //	i
1-536-045-11	Terminal Plate (2P)	1		Cables (Two Conductors) 7/0.12 Black	335
1-514-138-11	Push Button Switch for System Selection	1		" 12/0.12 Gray	
1-536-083-11	Terminal Plate (1-4P)	1		Tinned Copper Wire 0.6¢	80
	Cabinet & Appearance Block		//	" " 1.06	100
1-507-047-00	Double Jack	1	7-631-102-04	Spaghetti Yellow 1¢	35
-065-11	Antenna Jack	1		Braided Wire 16/14/0.02	160
	B. Tuba			Coaxial Cable	
	B. Tube				
7311-510	Picture Tube 140CB4	1	. 1		

Part No.	Description	Q'ty	Part No.	Description	Q'ty
Y-44032-85-1 x-40049-51-1 -52-1	Tuner Black Complete Video Signal Black Complete SIF Black Complete			Deflection Block Complete High Voltage Block Complete Deflection Yoke	1 1

Mechanical Parts List

Part No.	Description	Q'ty	Part No.	Description	Q'ty
	A C		4-004-912-01	Double Clamp for Capacitor	1
	A. General		4-002-800-02	Heat Sink	1
	Cabinet & Appearance Block		4-004-918-01	SP Holding Bracket	1
4-002-603-03	Cabinet Front	1	4-002-646-01	Earphone Jack Plate	1
-604-01	Picture Tube Mask	1	-819-01	SP Cushion Rubber	1
-611-00	Antenna Bushing	1	~806~03	SP Holding Screw	4
-76 <i>5</i> -01	Picture Tube Protector	1	-647-00	Multi-Jack Holding Bracket	2
-781-00	Rubber Band for Picture Tube	1	-78 <i>5</i> -00	Fiber Washer for Video Signal Board	1
-782-00	Black Spacer (upper) for Tube Clamp	1	X-40026-16-2	4 Pole Plug Mounting Bracket	1
-733-00	Black Spacer (lower) for Tube Clamp	1	4-002-653-01	Micro Switch Connecting Pin	1
-784-00	Deflection Yoke Spacer	1	-674-00	Spacer for Micro Switch	1
X-40026-50-0	Picture Tube Clamp Ass'y, including	1	3-815-521-11	Push Button "CCIR"	1
4-002-778-00	Picture Tube Clamp	(1)	-521-12	// // "625"	1
-779-00	Tube Holding Bracket	(1)	-521-13	// // "B and F"	1
-780-00	Earth Spring	(1)	-521-14	// // "819"	1
X-40026-72-2	Telescopic Antenna Ass'y, including	1		Video Signal Block	
X-40026-71-2	Telescopic Antenna	(1)	X-40026-66-0	Shield Plate	1
4-002-715-00	Antenna Washer	(1)		Deflection Block	1
-716-00	Antenna Holding Bracket	(1)	4-002-680-01	Heat Sink for Hor. Power Transistor (A)	1
-717-00	Insulator Bushing	(1)	-681-01	" (B)	1
-718-00	Antenna Lug	(1)	-682-031		
-727-00	Antenna Holding Nut	(1)	-682-02	Heat Sink for Vert. Power Transistor (A)	1
-728-00	Antenna Holding Lock Nut	(1)	-683-01	// (B)	1
-764-00	Antenna Tip (Red Ball)	(1)	-684-00	Mylar Insulator for Vert. Power	
X-40049-02-1	Cabinet Back	1		Transistor	1
-904-01	Insulating Fiber	1	-685-00	Bakelite Washer for Heat Sink	2
-90 <i>5</i> -01	Specification Label	1	-686-01	Black Sheet on Deflection Circuit Board	1
4-002-847-02	Telescopic Antenna Clamper	1	4-003-051-01	Ceramic Washer	2
X-40026-05-0	Carrying Handle	1		Accessories and Packing Materials	_
X-40026-06-2	Table Stand Ass'y, including	1	4-002-766-01	Carrying Bag	1
4-002-623-02	Table Stand	(1)	X-40049-06-1	Carton Box for Carrying Bag	l i
-791-00	Table Stand Holding Bracket (Right)	(1)	X-40026-48-7	Master Carton for Two Sets	1/2
-790-00	// (Left)	(1)	4-002-771-00	Styro-Foam Cushion	'/-
-788-00	Table Stand Cushion	(1)		(Outside of Carrying Case)	2
-789-01	Table Stand Holding Screw	(2)	4-004-913-01	(Front Inside of Carrying Case)	1
-732-02	Friction Spring for Table Stand	(2)	-914-01	(Back Inside of Carrying Case)	l i
	Screw ⊕R2×6 Black	(3)	4-002-773-00	(Bottom Inside of Carrying Case)	i i
	Nut 2.6¢ for Table Stand Holding		-669-00	Polyethylene Bag for Set	i
	Screw	(2)	-770-00	// for Carrying Bag	;
4-002-730-00	Rubber Foot	2	4-495-053-75	Instruction Manual	i
X-40049-01-1	Channel Selector Knob	1	X-40049-07-1	Caution Tag Assembly, including	1
X-40026-10-3	Fine Tuning Knob	1	4-003-032-01	Inspection Sheet	(1)
-11-0	Volume Control Knob	1	4-498-053-15	Tag for the best reception (English)	(1)
4-002-762-00	Vertical Hold Control Knob	1	-053-40	// French)	(1)
-635-00	Control Knob	3	4-493-053-75	Caution Tag	(1)
-761-00	Control Panel	1	X-44900-02-1	Set Polishing Cloth	i
-742-00	Badge "SONY"	1	X-40029-04-1	Accessory Case Assembly, including	1
	Main Block		4-002-667-00	Accessory Carton Box	
4-004-906-01	Chassis	1	1-534-041-03	AC Power Cord (4P)	(1)
-90901	Heat Sink for Regulator	1	-042-03	Extension Cord	(1)
-910-01	SIF Board Holding Bracket	1	1-532-031-11	Spare Fuse 0.2 A	(2)
			002-001-11	SUUTO FUSO U.Z.A	
-911-01	Adjustable Clamp for Capacitor	H	1-504-010-02	Earrhone	(1)

Part No.	Description	Q'ty	Part No.	Description	Q'ty
	B. Screws & Washers		7-623-508-01	Solder Lug 3 φ (for Transistor)	1
	Main Block			PC Board Block	
	Screw			Screw	
7-621-259-62	⊕P 2.6ø×10 (for Egrphone)	2	7-621-261-52	⊕P 3¢×8 (for Transistor (2), Video	
-261-32	⊕P 3ø×5 (for Multi-Jack (2), 4P			Board Mount (1))	3
	Plug Mounting Bracket (3), High		-255-52	⊕P 2¢×8 (for Transistor)	4
	Voltage Block (1), Power Switch (2),		-555-33	⊕K 2ø×5 (for Deflection Circuit	
	Regulator Heat Sink (2), Adjustable			Board)	3
	Clamp (1), SIF Board (2), SIF Board		-261-32	⊕P 3ø×5 (for Video & Sound Signal	
	Mounting Bracket (2))	15		Circuit Board)	1
-261-42	⊕P 3ø×6 (for Power Transformer)	1	-255-42	\bigoplus P $2\phi \times 6$ (for Heat Sink)	2
-561-43	⊕K 3¢×6 (for Power Transformer)	1		Nut	
-111-42	⊕R 3ø×6 (for Tuner)	2	7-622-108-02	36 (for Transistor)	2
-261-12	⊕P 3ø×3 (for Lamp Holder)	1	-105-02	26 (for Transistor)	4
-561-33	⊕K 3ø×5 (for 4 Pole Plug)	3		Star Washer	
-261-62	⊕P 3\dot × 10 (for Adjustable Clamp)	1	7-623-408-01	3φ (for Transistor)	2
-261-82	⊕P 3ø×14 (for Selenium Rectifier)	1		7	
-311-32	⊕F 3¢×5 (for Picture Tube Mask)	1		Cabinet & Appearance Block	
-261-52	P 36×8 (for 2P lug (1), Transistor			Screw	
	(2))	3	7-621-559-43	⊕K 2.6φ×6 (for Telescopic Antenna	
-259-42	⊕P 2.66×6 (for System Selector		, 02. 00, 10	Clamper)	1
	Switch)	2	561-33	⊕K 3ø×5 (for Telescopic Antenna	
-261-22	⊕P 3ó×4 (for Adjustable Clamp)	1	30. 33	Bushing (1), Telescopic Antenna	İ
	Nut			Holding Bracket (1), Cabinet Front	
7-622-107-02	2.60 (for Earphone)	2		(4))	6
-308-02	3φ (for Speaker)	4	-261-36	⊕P 3ø×5 (for Cabinet Back)	3
-108-02	36 (for 2P Lug (1), Transistor (2))	3	-259-38	⊕P 2.6¢×5 (for Cabinet Back)	3
	Lock Washer		-561-53	⊕K3ø×8 (for Picture Tube Clamp)	2
7-623-307-01	2.6φ (for Earphone)	2	-262-22	⊕P 3ø×20 (for Picture Tube Clamp)	1
	Spring Washer		-268-42	⊕P 4¢×6 (for Grip Handle)	2
7-623-208-21	3φ (for Selenium Rectifier)	1	-555-29	⊕K 2¢×4 (for "SONY" Badge)	2
-208-11	3φ (for 4P Plug Mounting Bracket (3),		-259-39	⊕P 2.6¢×5 (for Table Stand Hold-	
	Power Transformer (1), Multi-Jack			ing Bracket)	4
	Holding Bracket (2))	7	-770-34	\oplus B 2.5 ϕ × 5 (for Control Panel)	1
-207-12	2.6¢ (for System Selector Switch)	2	-555-33	⊕K 2¢×5 (for Control Panel)	1
	Star Washer			Spring Washer	
7-623-408-01	3φ (for Tuner (2), Transistor (2))	4	7-623-210-22	46 (for Grip Handle)	2

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